Table 1. Radial velocity of the G5 V component of HR 1099 from IUE final archive spectra

Spectrum	H.J.D.	V_{G5} (km s^{-1})	ΔV_{G5}
LWR05843	2444161.96871	19.5	5.6
LWR05866	2444165.07365	−15.6	3.0
LWR06663	2444253.15528	−19.9	6.9
LWR11660	2444879.96277	20.5	8.0
LWR11665	2444880.38847	−31.3	3.5
LWR11668	2444880.77873	−64.3	5.2
LWR11670	2444880.95332	−69.0	6.3
LWR11671	2444881.06087	−68.9	3.1
LWR11674	2444881.40312	−29.6	5.4
LWR11679	2444881.78133	9.3	5.0
LWR11683	2444882.12955	43.8	2.7
LWR11691	2444883.05282	−3.8	9.9
LWR11715	2444884.96012	48.3	5.1
LWR14822	2445315.28730	−76.7	1.5
LWR14823	2445315.61815	−37.9	3.3
LWR14826	2445316.29503	36.8	1.4
LWR14828	2445316.72702	50.0	2.7
LWR14831	2445317.29703	−23.2	1.6
LWR14832	2445317.63726	−61.9	1.9
LWR14837	2445318.30987	−52.5	2.3
LWR14838	2445318.64942	−9.5	1.5
LWR14840	2445319.31574	49.9	2.0
LWR14841	2445319.65250	39.5	1.3
LWR14843	2445320.31110	−43.7	1.2
LWR14844	2445320.64755	−69.6	1.6
LWR15160	2445367.61875	57.8	3.8
LWR15168	2445368.61123	−45.0	3.7
LWR15171	2445368.91829	−64.0	2.4
LWR15174	2445369.47153	−45.8	3.0
LWR15176	2445369.67805	−15.7	1.6
LWR15178	2445369.86351	6.9	1.6
LWR15182	2445370.32921	53.0	5.0
LWR15184	2445370.50142	51.1	1.7
LWR15190	2445370.99026	9.6	2.0
LWR15192	2445371.16281	−11.4	1.8
LWR15194	2445371.37033	−39.1	4.5
LWR15204	2445372.61651	−8.5	3.5
LWP04968	2446046.60145	−20.0	1.0
LWP04969	2446046.66861	−28.3	2.9
LWP04970	2446046.73576	−42.7	4.5
LWP04973	2446046.88913	−58.1	3.2
LWP04974	2446047.18972	−73.2	2.3
LWP04977	2446047.58663	−63.1	2.5
LWP04978	2446047.64351	−55.7	2.3
LWP04979	2446047.69262	−49.7	3.6
LWP04980	2446047.74659	−42.9	3.5
LWP04981	2446047.79643	−34.3	5.2
LWP04982	2446047.84995	−27.3	1.6
LWP04983	2446047.92653	−17.3	1.0
LWP04984	2446048.22130	26.0	2.6
LWP04985	2446048.32686	32.5	1.0
LWP04986	2446048.38656	35.1	2.1
LWP04987	2446048.44773	42.2	1.8
LWP04988	2446048.51561	39.7	2.5
LWP04991	2446048.76374	38.3	3.9
LWP04992	2446048.80637	40.7	4.8
LWP04993	2446048.85697	40.4	2.1
LWP04994	2446048.92139	35.2	2.8
LWP04995	2446048.97269	30.7	3.7
LWP04996	2446049.02573	29.2	1.6
LWP04997	2446049.08702	19.4	2.2
LWP04998	2446049.18618	11.1	2.8
LWP04999	2446049.25826	0.9	1.3
LWP05000	2446049.31945	−9.0	1.2
LWP05001	2446049.38044	−12.1	1.6
LWP05002	2446049.44237	−22.5	1.3
LWP05003	2446049.49347	−27.6	3.5
LWP05004	2446049.54453	−33.5	2.3
LWP05005	2446049.59619	−43.0	3.4
LWP05006	2446049.64951	−49.1	1.7
LWP05007	2446049.70291	−60.4	5.3
LWP05008	2446049.75448	−65.5	7.2
LWP05009	2446049.79841	−66.9	3.8
LWP05046	2446054.92457	1.8	1.3
LWP06780	2446331.61580	−19.9	1.8
LWP06781	2446331.68471	−15.4	1.4
LWP06782	2446331.75715	−4.2	2.3
LWP06783	2446331.82383	−2.2	2.7
LWP06784	2446331.88930	11.2	2.2
LWP07621	2446465.01821	−15.9	2.1
LWP09171	2446698.85928	30.7	3.8
LWP09177	2446699.02633	10.0	7.8
LWP09178	2446699.11628	−10.5	2.7
LWP09191	2446700.02790	−79.3	6.2
LWP09200	2446700.72358	1.0	1.0
LWP09201	2446700.77206	0.3	1.4
LWP09880	2446802.57283	−41.6	3.5
LWP09881	2446802.64077	−32.2	1.6
LWP09882	2446802.70522	−25.7	3.1

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Spectrum	H.J.D.	V_{G5} (km s^{-1})	ΔV_{G5} (km s^{-1})
LWP04968	2446046.60145	−20.0	1.0
LWP24460	2448968.93406	41.0	2.0
LWP24461	2448968.98794	38.8	1.9
LWP24462	2448969.04817	29.5	2.4
LWP24463	2448969.16008	16.0	1.0
LWP24465	2448969.28946	2.7	2.7
LWP24466	2448969.35983	−16.4	1.2
LWP24467	2448969.42452	−24.8	1.5
LWP24468	2448969.49757	−29.8	0.7
LWP24469	2448969.55324	−44.2	1.1
LWP24470	2448969.61120	−45.9	0.9
LWP24471	2448969.66323	−58.3	1.4
LWP24472	2448969.72051	−64.0	2.1
LWP24473	2448969.77478	−60.7	1.9
LWP24474	2448969.82917	−67.0	1.6
LWP24475	2448969.88964	−67.8	1.4
LWP24476	2448969.97324	−79.1	2.1
LWP24477	2448970.04041	−78.3	2.1
LWP24478	2448970.14654	−74.9	1.6
LWP24479	2448970.20656	−68.8	2.0
LWP24480	2448970.26948	−70.9	1.5
LWP24482	2448970.39790	−59.0	1.1
LWP24483	2448970.46051	−60.9	1.4
LWP24484	2448970.52502	−57.1	1.6
LWP24485	2448970.59673	−40.0	1.5
LWP24486	2448970.66473	−32.8	0.8
LWP24487	2448970.73194	−26.9	0.9
LWP24488	2448970.79629	−16.8	2.5
LWP24489	2448970.85955	−10.3	1.1
LWP24490	2448970.94207	7.7	1.5
LWP24491	2448971.01731	13.0	1.9
LWP24492	2448971.12257	25.5	2.0
LWP24494	2448971.27746	38.5	1.8
LWP24495	2448971.34906	54.3	2.3
LWP24497	2448971.56925	47.7	2.5
LWP24498	2448971.63830	39.8	1.8
LWP24499	2448971.71928	39.9	1.6
LWP24500	2448971.76741	34.2	1.6
LWP24501	2448971.83168	29.1	1.8
LWP24502	2448971.91775	17.2	1.5
LWP24503	2448971.99606	11.6	1.3
LWP24504	2448972.06832	8.3	2.1
LWP24505	2448972.17509	−1.5	2.8
LWP24506	2448972.42998	−47.4	1.5
LWP24507	2448972.50004	−50.5	1.1
LWP24508	2448972.56894	−60.2	1.1
LWP24509	2448972.63566	−69.2	0.6
LWP24510	2448972.70270	−73.7	1.4
LWP24511	2448972.77090	−74.5	2.1
LWP24512	2448972.84145	−78.8	1.3
LWP24514	2448972.97906	−76.6	1.8
LWP24515	2448973.04215	−70.8	2.2
LWP24516	2448973.10660	−62.6	1.3
LWP24517	2448973.17017	−66.9	1.9
LWP24518	2448973.23841	−55.8	0.9
LWP24519	2448973.31234	−53.5	1.5
LWP24520	2448973.37692	−51.0	2.0
LWP24521	2448973.45772	−31.4	1.5
LWP24522	2448973.52206	−28.0	1.0
LWP24523	2448973.58942	−19.4	0.7
LWP24524	2448973.65848	−11.9	1.6
LWP24525	2448973.73087	−2.2	2.1
LWP24526	2448973.79530	7.9	2.7
LWP24527	2448973.85937	11.7	1.6
LWP24530	2448974.30489	53.0	2.6
LWP24531	2448974.37393	44.8	1.1
LWP24532	2448974.46253	37.9	1.9
LWP24533	2448974.53018	40.9	0.9
LWP24534	2448974.60182	33.6	1.4
LWP24535	2448974.66817	31.4	0.8
LWP24536	2448974.73452	19.0	1.8

Table 2. Radial velocity of the G5 V and K1 IV components of HR 1099 from Osservatorio Astrofisico di Catania (OAC) optical spectra

H.J.D.	V_{G5} (km s^{-1})	ΔV_{G5}	V_{K1} (km s^{-1})	ΔV_{K1}
2449617.58350	—	—	−8.9	3.0
2449618.61310	40.1	7.9	−58.6	4.0
2449618.62490	42.2	6.8	−58.6	3.9
2449620.64140	**−1.1**	8.0	**−24.7**	1.0
2449620.65670	**1.1**	8.0	**−26.4**	1.0
2449621.66050	29.1	9.0	−48.9	2.5
2449621.67540	26.7	9.2	−47.3	2.5
2449622.63340	−76.5	5.0	33.1	4.8
2449622.64810	−78.8	5.7	34.8	4.7
2449623.59400	**7.7**	8.0	**−33.4**	1.5
2449623.61450	**10.3**	8.0	**−35.5**	1.5
2449624.59140	**19.4**	7.0	**−36.2**	1.1
2449624.60810	**17.4**	7.0	**−34.7**	1.1
2449625.60060	−79.6	7.2	30.4	4.9
2449625.61600	−79.0	5.8	32.1	4.9
2449626.56550	**31.1**	8.0	**−52.5**	3.9
2449626.58030	**32.7**	8.0	**−53.8**	3.9
2449627.61510	**−1.9**	7.0	**−20.8**	2.7
2449627.62970	**−3.9**	7.0	**−19.1**	2.7
2449628.66680	−66.0	6.4	20.5	3.4
2449639.62450	−73.4	6.2	34.1	3.9
2449640.60680	—	—	−24.6	1.3
2449642.61380	−79.2	6.8	33.8	3.1
2449642.62840	−76.8	6.1	34.2	3.1
2449643.59170	21.4	8.6	−46.1	2.2
2450379.60920	—	—	−13.1	1.4
2450381.51210	31.2	9.0	−57.9	3.8
2450381.56760	40.6	6.3	−63.3	2.4
2450382.55530	**−28.6**	5.	**−3.0**	1.
2450382.64690	**−40.7**	5.	**3.7**	2.
2450382.67000	**−43.7**	5.	**7.5**	1.
2450386.55030	**−36.7**	5.	**3.2**	1.5
2450386.65180	**−23.0**	5.	**−7.7**	1.5
2450388.52290	−60.3	4.4	24.7	1.2
2450389.44280	—	—	−8.8	3.1
2450390.53670	40.1	4.1	−56.9	1.1
2450390.65610	30.5	4.1	−47.1	1.2
2450391.56680	−74.9	3.9	37.1	1.2
2450391.66590	−75.5	3.6	38.3	1.5
2450392.49320	**−0.2**	5.0	−26.9	2.0
2450392.65490	**20.5**	5.0	−43.4	2.0
2450393.58170	**14.8**	5.0	−35.8	2.0
2450393.70030	**−0.5**	5.0	−23.6	2.0
2450394.50030	−78.1	3.8	39.4	1.6
2450394.60970	−77.7	4.0	37.4	1.6
2450395.59530	**31.0**	3.0	**−52.0**	2.0
2450395.66620	**37.2**	3.0	**−57.0**	2.0
2450405.55560	−60.2	5.5	21.9	1.4
2450406.61090	—	—	−16.3	0.9
2450407.51740	40.0	5.3	−60.3	1.6
2450488.34810	−71.0	4.2	30.2	2.9
2450489.34090	33.44	5.2	−60.8	1.8
2450490.32400	—	—	−13.7	0.5
2450491.35060	−62.0	4.1	22.7	1.4
2450491.41110	−55.2	4.6	18.6	1.6
2450524.28860	—	—	−19.1	0.7
2450525.28850	−71.2	4.0	29.0	1.5
2450526.28840	42.6	3.2	−65.5	1.6
2450531.28810	—	—	−10.3	3.9
2450765.55880	—	—	−14.9	1.0
2450767.62560	44.2	3.9	−66.6	1.2
2450768.57970	−30.4	2.8	11.4	1.5
2450793.59000	28.0	3.9	−47.3	2.0
2450794.53480	−77.2	3.8	34.4	1.5
2450795.43350	—	—	−16.8	0.9
2450797.57680	−75.0	3.3	34.6	1.7
2450800.47600	−74.2	4.0	32.0	1.5
2450801.50450	41.7	3.6	−58.4	2.4
2450803.46610	−63.5	3.7	21.9	2.1
2450804.44070	47.1	2.8	−61.9	1.6
2450805.47330	−31.9	3.8	6.5	1.4
2450811.41690	−69.4	4.9	25.8	2.4
2450812.41150	—	—	−16.3	0.7
2450813.33700	32.9	3.7	−56.7	2.0
2451778.61800	—	—	−17.4	0.9
2451779.61610	−63.1	4.0	19.8	1.4
2451782.59950	−39.6	3.4	13.2	1.2
2451782.61420	−34.3	3.0	13.5	1.3
2451783.56310	46.0	4.0	−64.6	2.5
2451784.59060	**−59.5**	4.0	**18.4**	2.0
2451784.60510	**−60.9**	4.0	**19.2**	2.0
2451798.50760	—	—	−14.2	1.1
2451799.55050	**−49.2**	4.0	**15.4**	2.0
2451799.56580	**−47.5**	4.0	**14.0**	2.0
2451800.57260	48.0	3.8	−62.0	1.7
2451800.54070	48.9	4.2	−62.0	2.6
2451803.60180	40.1	3.7	−59.6	2.3
2451804.58460	−67.7	4.2	28.2	1.9
2451805.55710	—	—	−16.9	0.9
2451827.47470	−78.8	4.8	31.3	1.6
2451827.55910	−75.3	5.3	35.4	1.8
2451827.57890	−75.8	5.2	35.6	2.0
2451829.51350	**4.6**	4.0	**−37.5**	1.5
2451829.55590	**−1.1**	4.0	**−33.0**	1.5
2451829.59730	**−6.8**	4.0	**−28.4**	1.5
2451830.45720	−76.0	6.4	31.0	1.8
2451830.47240	−76.2	4.7	30.4	1.7
2451830.51470	−73.8	4.9	29.9	1.5
2451830.55640	−70.8	5.0	27.4	2.3
2451830.59810	−70.0	4.7	26.5	1.5
2451831.43200	34.6	4.1	−47.8	2.4
2451831.47810	36.9	5.4	−51.0	2.2
2451833.45550	−65.3	4.4	29.6	1.5
2451833.47210	−63.8	4.4	27.8	1.5
2451833.51370	−60.3	4.6	25.5	2.3
2451833.55530	−56.4	4.6	21.8	1.4
2451833.59700	−55.1	4.8	15.3	1.3
2451834.47200	48.8	4.7	−56.1	2.3
2451834.51370	46.2	4.3	−61.4	2.0
2451834.55540	46.2	3.9	−62.5	2.0
2451834.59700	47.0	4.4	−61.9	2.9
2451835.47210	**−30.3**	3.0	**−3.4**	2.0
2451835.51370	**−35.7**	3.0	**0.9**	2.0
2451835.55540	**−40.9**	3.0	**5.1**	2.0
2451836.47210	**−48.2**	5.5	**12.7**	1.5
2451836.51370	**−43.3**	5.5	**8.7**	1.5
2451836.55550	**−38.1**	5.5	**4.6**	1.5
2451836.59710	**−32.6**	5.5	**0.2**	1.5
2451837.48280	50.3	4.3	−59.9	2.5
2451837.53460	49.5	4.2	−59.3	2.3
2451837.55550	45.1	3.8	−61.4	1.8

H.J.D.	V_{G5} (km s^{-1})	ΔV_{G5}	V_{K1} (km s^{-1})	ΔV_{rmK1}
2452176.64010	−75.2	3.8	32.0	2.0
2452183.61510	46.2	3.8	−61.8	2.0
2452206.51270	43.2	6.1	−53.8	2.6
2452207.58060	−78.4	4.1	29.6	2.0
2452208.57970	—	—	−19.4	1.0
2452210.63847	−76.9	4.4	32.8	1.5
2452211.56957	27.6	4.2	−37.7	1.6
2452222.52450	—	—	−7.7	1.0
2452225.53960	—	—	−14.6	1.2
2452243.47890	37.4	3.8	−54.7	1.9
2452249.44130	—	—	−26.2	1.6
2452285.38900	29.3	3.6	−44.8	1.5
2452286.38870	—	—	−19.0	0.9
2452300.33910	29.6	4.0	−48.3	1.6
2452303.33310	—	—	−21.1	1.2
2452304.39300	−75.0	5.3	25.8	2.7